

## **Guide for Dangerous Waste** (DW) Generators in Washington State

## **Quick Reference Guide**

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Dangerous Waste Regulations			
	Large Quantity Generator (LQG) Generates > 2,200 lbs/mo or 2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)	Medium Quantity Generator (MQG) Generates 220-2,200 lbs/mo	Small Quantity Generator (SQG) Generates <220 lbs/mo or <2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)
Dangerous Waste Designation	Determine if waste is covered by regulations. <i>WAC 173-303-070-100,170(1)</i>	Determine if waste is covered by regulations. WAC 173-303-070-100,170(1)	Determine if waste is covered by regulations. <i>WAC 173-303-070-100,170(1)</i>
Identification Number and Required Notices	File Form 2 to notify and obtain ID number.  WAC 173-303-060,170	File Form 2 to notify and obtain ID number.  WAC 173-303-060,170	Not required.  WAC 173-303-070(8)
Labeling, Marking of Waste During Accumulation	DW label with start date, risk label (major risks to employees, emergency personnel and public).  WAC 173-303-200(1)(c),(1)(d)	DW label/date, risk label  WAC 173-303-200(1)(c),(1)(d)	Major risk label required by OSHA/WISHA. <sup>†</sup> WAC 173-303-070(8)
Waste Generation Amount	More than 2,200 lbs/mo or more than 2.2 lbs/mo Acute Hazardous Waste (AHW) or WT01 (EHW).	Between 220 lbs/mo and 2,200 lbs/mo.	Less than 220 lbs/mo or less than 2.2 lbs/mo AHW or WT01 (EHW).
Waste Accumulation Amount	No volume limit.  WAC 173-303-200(1)	2,200 lbs (LQG requirements apply above 2,200 lbs).  WAC 173-303-201(1),(2)	Not to exceed a total of 2,200 lbs.  WAC 173-303-070(8)(a)
Accumulation Time Limit	90 days. WAC 173-303-200	180 days. WAC 173-303-201(2)(a)	No limit. <i>WAC 173-303-070(8)</i>
Satellite Accumulation Areas	55 gallons or 1 quart AHW.  WAC 173-303-200(2)(a)	55 gallons or 1 quart AHW. <i>WAC</i> 173-303-200(2)(b)	Not to exceed Quantity Exclusion Limit (QEL). WAC 173-303-070(8)(a)
Accumulation Area Inspections	Must be scheduled, documented, corrections. WAC 173-303- 200(1)(e),320(1),(2)(a),(b),(d),(3)	Must be scheduled, documented, corrections. WAC 173-303- 201(1)(e),320(1),(2)(a),(b),(d),(3)	Not required. † <i>WAC 173-303-070(8)</i>
Personnel Training	Required written plan.  WAC 173-303-200(1)(e),330	Not required by 201(2)(b), but required by OSHA/WISHA. Also see Cont. Plan & Emergency Procedures below. WAC 173-303-201(2)(b)	Not required by DW regulation, but required by OSHA/WISHA.†

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<sup>&</sup>lt;sup>†</sup> Although these requirements are not required of small quantity generators, these individuals must manage their waste in a way that does not pose a potential threat to human health or the environment.

	Large Quantity Generator (LQG) Generates > 2,200 lbs/mo or 2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01	Medium Quantity Generator (MQG) Generates 220-2,200 lbs/mo	Small Quantity Generator (SQG) Generates <220 lbs/mo or <2.2 lbs/mo of Acute Hazardous
Preparedness and Prevention	<ul> <li>(EHW)</li> <li>Minimize fire, explosion, release.</li> <li>Communication systems (internal and external), fire control.</li> <li>Test/maintain communication and control equipment.</li> <li>Access to communications or alarm system.</li> <li>Adequate aisle space.</li> <li>Arrangements with local authorities.</li> <li>WAC 173-303-200(1)(e),340</li> </ul>	<ul> <li>Minimize fire, explosion, release.</li> <li>Communication systems (internal and external), fire control.</li> <li>Test/maintain communication and control equipment.</li> <li>Access to communications or alarm system.</li> <li>Adequate aisle space.</li> <li>Arrangements with local authorities.</li> <li>WAC 173-303-200(1)(e),340</li> </ul>	Waste (AHW) or WT01 (EHW)  Not required.†
Contingency Plan and Emergency Procedures	<ul> <li>Written plan.</li> <li>Arrangements with local emergency response agencies (ER).</li> <li>Emergency coordinator (EC) (phone, address).</li> <li>Emergency equipment list.</li> <li>Evacuation plan.</li> <li>Plan distribution to police, fire departments, hospitals, and local agencies.</li> <li>Plan must be amended if it fails in an emergency or there are changes in the facility, equipment, or personnel.</li> <li>EC must respond.</li> <li>WAC 173-303-200(1)(e),360</li> </ul>	<ul> <li>Emergency coordinator (EC) onsite/on call.</li> <li>Post: location of EC phone.</li> <li>Post: Location of fire extinguishers/spill control/fire alarm.</li> <li>Post: Fire department phone.</li> <li>Familiarize employees with plan and emergency procedures.</li> <li>EC must respond.</li> </ul>	WAC 173-303-070(8)  Not required. Check OSHA/WISHA requirements.†
Additional Reporting	Report spill, fire, explosion,	WAC 173-303-201(2)(c)  Report spill, fire, explosion,	WAC 173-303-070(8)  Report spills if threat to
for Emergencies	release.  WAC 173-303-145,200(1)(e),360	release.  WAC 173-303-145,201(2)(c)(iv)	human health and the environment. WAC 173-303-070(8)(b)(ii),145
Waste Containers	<ul> <li>Good condition.</li> <li>Non-leaking.</li> <li>Compatible with waste.</li> <li>Closed/protected.</li> <li>30" aisle space.</li> <li>Response to spills.</li> <li>Leaks, emergencies.</li> <li>Weekly inspections.</li> <li>Ignitable, reactive, incompatible waste.</li> <li>Containment system.</li> </ul>	<ul> <li>Good condition.</li> <li>Non-leaking.</li> <li>Compatible with waste.</li> <li>Closed/protected.</li> <li>30" aisle space.</li> <li>Response to spills.</li> <li>Leaks, emergencies.</li> <li>Weekly inspections.</li> <li>Ignitable, reactive, incompatible waste.</li> <li>Containment system.</li> </ul>	Local regulations may apply.
	incompatible waste.	incompatible waste.	WAC 173-303-070(8)

	Large Quantity Generator (LQG) Generates > 2,200 lbs/mo or 2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)	Medium Quantity Generator (MQG) Generates 220-2,200 lbs/mo	Small Quantity Generator (SQG) Generates <220 lbs/mo or <2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)
Waste Tanks	<ul> <li>Assessment.</li> <li>Design, installation.</li> <li>Containment, release, direction.</li> <li>Operating requirements.</li> <li>Daily inspections.</li> <li>Response to spills, leaks.</li> <li>Closure, post closure.</li> <li>Ignitable, reactive, incompatible waste.</li> </ul>	<ul> <li>Operating requirements.</li> <li>Daily/weekly inspections.</li> <li>Closure, post closure.</li> <li>Ignitable, reactive, incompatible waste.</li> <li>Freeboard requirement.</li> </ul>	Local regulations may apply.
	WAC 173-303-200(1)(b),640 except (8)(a),(8)(c)	WAC 173-303-202	WAC 173-303-070(8)
Disposal of Dangerous Waste	Ship to permitted TSD or DW recycler. Uniform Manifest Form required.	Ship to permitted TSD or DW recycler. Uniform Manifest Form required.	Ship off-site or treat on-site: permitted TSD or permitted to manage moderate risk waste or legitimate recycle or other permitted solid waste facility.
36.46	WAC 173-303-200(1)(a)	WAC 173-303-200(1)(a)	WAC 173-303-070(8)
Manifest	Use for shipments off-site.  WAC 173-303-180	Use for shipments off-site.  WAC 173-303-180	Not required – only bill of lading.†  WAC 173-303-070(8)
Packaging, Labeling, Marking for Transport	Package, label and mark per USDOT (49 CFR). WAC 173-303-190(1),(2),(3),(5),(6)	Package, label and mark per USDOT (49 CFR). <i>WAC 173-303-190(1),(2),(3),(5),(6)</i>	Refer to DOT Regulations.  WAC 173-303-070(8)
Placarding for Transport	Must offer placard. <i>WAC 173-303-190(4)</i>	Must offer placard. <i>WAC 173-303-190(4)</i>	Refer to DOT Regulations. <i>WAC 173-303-070(8)</i>
Annual Reporting	File every year.  WAC 173-303-220(1)	File every year.  WAC 173-303-220(1)	File every year, if have ID#. Verification form only. WAC 173-303-070(8)(b)(iv)
<b>Exception Reporting</b>	45 days: if no signed manifest from TSD returned. <i>WAC 173-303-220(2)</i>	45 days: if no signed manifest from TSD returned. <i>WAC 173-303-220(2)</i>	Not required.†  WAC 173-303-070(8)
Recordkeeping	3 years: manifests 5 years: annual reports, exception reports, test results. WAC 173-303-210(2),(3)(a)	3 years: manifests 5 years: annual reports, exception reports, test results. WAC 173-303-210(2),(3)(a)	Not required, but encouraged.†  WAC 173-303-070(8)
Waste Minimization	<ul> <li>For generators &gt; 2,640         lbs/yr: plan to minimize waste required.     </li> <li>Certify on manifest: written plan and program in place to minimize hazardous waste volume, toxicity.</li> <li>Submit executive summary to WDOE.</li> <li>5 year updates.</li> <li>WAC 173-307</li> </ul>	<ul> <li>Certify on manifest: good faith effort to minimize waste and selected best waste management method.</li> <li>For generators &gt; 2,640 lbs/yr: Plan to minimize waste required.</li> <li>Submit executive summary to WDOE.</li> <li>5 year updates.</li> </ul> WAC 173-307	Not required.†

	Large Quantity Generator (LQG) Generates > 2,200 lbs/mo or 2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)	Medium Quantity Generator (MQG) Generates 220-2,200 lbs/mo	Small Quantity Generator (SQG) Generates <220 lbs/mo or <2.2 lbs/mo of Acute Hazardous Waste (AHW) or WT01 (EHW)
Recycled, Reclaimed, Recovered Waste	Depending on the circumstances, recycled used oil, recycled used batteries, other recycled wastes partially or fully exempt. WAC 173-303-120,500-530	Depending on the circumstances, recycled used oil, recycled used batteries, other recycled wastes partially or fully exempt.  WAC 173-303-120,500-530	Depending on the circumstances, recycled used oil, recycled used batteries, other recycled wastes partially or fully exempt. WAC 173-303-120,500-530
Regulating Agency	Ecology	Ecology	County Health District

While this Quick Reference Guide summarizes the requirements for each generator status under the *Dangerous Waste Regulations* (Chapter 173-303 WAC), it does not replace them. Always refer to the regulations themselves for more detail or call a hazardous waste specialist at your nearest Ecology Regional Office.

Spokane	(509) 329-3400	Bellevue	(425) 649-7000
Lacey	(360) 407-6300	Yakima	(509) 575-2490

If you need this information in an alternate format, please call the Hazardous Waste and Toxics Reduction Program at 360-407-6700. If you are a person with a speech or hearing impairment, call 711, or 800-833-6388 for TTY.